All stainless steel pressure gauge - Bayonet ring

Application:

- Outdoor and severe ambient and process conditions
- Use where harmful vibration and pulsation are present
- Hydraulic equipment, pressure washers, oil field equipment, pumps, compressors and process systems
- Gaseous, liquid, and corrosive media corrosive environment

Features:

- All stainless steel
- According to EN837-1
- Bayonet ring（Inside or outside）
- Highly corrosion resistant measuring system
- Highest pressure up to 4000bar(for 4", 6")
  1600bar for 2.5"

Specifications:

Dial:	2.5", 4", 6", 8", 10"
Scale ranges:	-1 to 1000bar
Accuracy class:	1.6%(2.5"); 1.0% (4", 6", 8", 10")
Connector:	NPT, BSP, BSPT etc
Bourdon tube:	316LSS,drawn seamless
Wetted parts /Socket:	Stainless steel 304 or 316 or 316L
Movement:	304SS
Dial:	Aluminum, white
Pointer:	Aluminum, black
Welding:	Laser welding,TIG welding

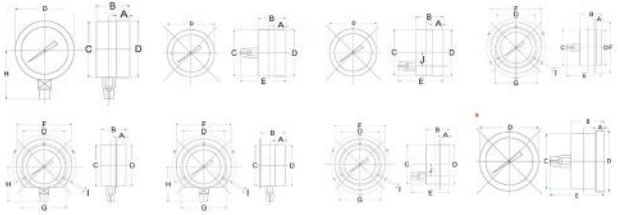
Case material:	Stainless steel 304, mat or polished
Windows(lens):	Laminated safety glass, temperated glass or pc
Fill:	Glycerin 99.5% or Silicone
Temperature:	Ambient : -40 ... +70°C(not filled) -20 ... +70°C(fill glycerin) Medium : -40 ... +200°C (not filled) -40 ... +100°C (filled oil) The case temperature must not exceed +70°C
IP class:	IP 65

Options:

Micro adjustable pointer (only for 4",6")
Blow out disc at the back (for 4" & 6")
Restrictor screw Ø 0.5 (for fittings > 1/4")
Accuracy class 0.6 ((for dial size ≥ 4")
Connection method: Lasing welding or two split

All stainless steel pressure gauge - Bayonet ring

Dimentions:



Type	Dial Size (inch)	Connection	Bezel Styles	A (mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	J(mm)
2.5-BTM-IBR	2.5	Bottom	Inside Bayonet Ring	13	33	61	63	\	\	\	55±5	\	\
4-BTM-IBR	4	Bottom	Inside Bayonet Ring	18	50	99	101	\	\	\	80±5	\	\
6-BTM-IBR	6	Bottom	Inside Bayonet Ring	18	50	146	150	\	\	\	115±5	\	\
8-BTM-IBR	8	Bottom	Inside Bayonet Ring	18	50	196	202	\	\	\	150±5	\	\
10-BTM-IBR	10	Bottom	Inside Bayonet Ring	18	50	248	252	\	\	\	165±5	\	\
2.5-CBKM-IBR	2.5	Center Back	Inside Bayonet Ring	13	33	61	63	55±5	\	\	\	\	\
4-CBKM-IBR	4	Center Back	Inside Bayonet Ring	18	50	99	101	80±5	\	\	\	\	\
4-LBKM-IBR	4	Lower Back	Inside Bayonet Ring	18	50	99	101	80±5	\	\	\	\	27
2-BTM-IBR	2	Bottom	Outside Bayonet Ring	9	30	51	58	\	\	\	50±5	\	\
2.5-BTM-IBR	2.5	Bottom	Outside Bayonet Ring	11	31	61	69	\	\	\	55±5	\	\
6-CBKM-IBR	2.5	Center Back	Outside Bayonet Ring	11	31	61	69	55±5	\	\	\	\	\
4-LBTM-IBR	6	Lower Back	Outside Bayonet Ring	19	50	148	161	85±5	\	\	\	\	\

Note: 1) E, H is relative to the type 2) We have made kinds of screw thread to orders

Models(bayonet ring):

bottom mounting

center back mounting

bottom mounting with flange

lower back mounting with u-clamp

lower back mounting with front flange

lower back mounting with rear flange

All stainless steel pressure gauge - Crimped ring

Application:

- Outdoor and severe ambient and process conditions
- Use where harmful vibration and pulsation are present
- Hydraulic equipment, pressure washers, oil field equipment, pumps, compressors and process systems
- Gaseous, liquid, and corrosive media corrosive environment

Features:

- All stainless steel
- According to EN837-1
- Crimped ring
- Highly corrosion resistant measuring system
- Highest pressure up to 4000bar(for 4", 6") 1600bar for 2.5"

Specifications:

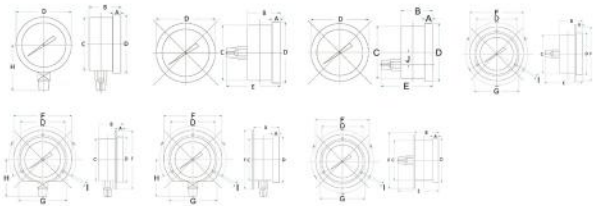
Dial:	1.5", 2", 2.5", 3", 4"
Scale ranges:	-1 to 1000bar
Accuracy class:	2.5%(1.5", 2"); 1.6%(2.5", 3"); 1.0% (4")
Connector:	NPT,BSP,BSPT etc
Bourdon tube:	316LSS,drawn seamless
Wetted parts /Socket:	Stainless steel 304 or 316 or 316L
Movement:	304SS
Dial:	Aluminum, white
Pointer:	Aluminum, black
Welding:	Laser welding,TIG welding
Case material:	Stainless steel 304, mat or polished
Windows(lens):	PC
Fill:	Glycerin 99.5% or Silicone
Temperature:	Ambient : -40 ... +70°C(not filled) -20 ... +70°C(fill glycerin) Medium : -40 ... +200°C (not filled) -40 ... +100°C (filled oil) The case temperature must not exceed +70°C
IP class:	IP 65

Options:

Micro adjustable pointer (only for 4")
Blow out disc at the back (for 4")
Restrictor screw Ø 0.5 (for fittings > 1/4")
Accuracy class 0.6 ((for dial size ≥ 4")
Connection method: Lasing welding or two split

All stainless steel pressure gauge - Crimped ring

Dimentions:



Type	Dial Size (inch)	Connection	Bezel Styles	A (mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	J(mm)
2-BTM-CR	2	Bottom	Crimped Ring	6	29	52	58	\	\	\	50±5	\	\
2.5-BTM-CR	2.5	Bottom	Crimped Ring	6	30	60	68	\	\	\	55±5	\	\
3-BTM-CR	3	Bottom	Crimped Ring	6	31	73	82	\	\	\	60±5	\	\
3-BTM-BF-CR	3	Bottom	Crimped Ring	6	31	73	82	\	104	90	60±5	\	\
4-BTM-CR	4	Bottom	Crimped Ring	9	48	99	109	\	\	\	80±5	\	\
4-BTM-BF-CR	4	Bottom	Crimped Ring	9	48	99	109	\	130	115	80±5	4.5	\
1.5-CBKM-CR	1.5	Center Back	Crimped Ring	5	26	41	44	40±5	\	\	\	\	\
2-CBKM-CR	2	Center Back	Crimped Ring	6	29	52	56	50±5	\	\	\	\	\
2.5-LBTM-CR	2.5	Lower Back	Crimped Ring	6	30	60	68	50±5	\	\	\	\	18
2.5-CBKM-FF-CR	2.5	Center Back	Crimped Ring	6	30	60	68	50±5	90	77	\	4.5	\
4-LBKM--CR	4	Low Back	Crimped Ring	8	48	99	108	80±5	\	\	\	\	\

Note: 1) E, H is relative to the type 2) We have made kinds of screw thread to orders
3) F,G,I could be made as OEM based on 500pcs

Models（crimped ring):

bottom mounting　bottom mounting with flange　center back mounting　back mounting with flange

How to order all stainless steel pressure gauge:

	CODE	CHARACTERISTICS
Basic type	YSM	Stainless steel case - Mat
	YSP	Stainless steel case - Polished
Diameter	1.5	1.5"
	2	2"
	2.5	2.5"
	3	3"
	4	4"
	6	6"
	8	8"
	10	10"
Mounting	BM	Bottom mounting
	CBM	Center back mounting
	LBM	Lower back mounting
Mounting options	FF	Front flange
	BF	Back flange
	UC	U-clamp
Bezel styles	CR	Crimped ring (1.5",2",2.5",3",4")
	OBR	Outside bayonet ring(2", 2.5",4",6")
	IBR	Inside bayonet ring(2.5",4",6",8",10")
Wetted parts	304	SS304
	316	SS316
	316L	SS316L
Process Connection	G14	G 1/4
	G38	G 3/8
	G12	G 1/2
	Z14	1/4NPT
	Z38	3/8NPT
	Z12	1/2NPT
	M14	M14x1.5
	M20	M20x1.5
Liquid filled	D	DRY
	G	Glycerin oil 99.5%
	S	Silicone oil
Windows	SG	Laminated safety glass (only for bayonet ring)
	TG	Temperated glass (only for bayonet ring)
	PC	PC

Special Requirements additional Information: 1.range:

Order example:

YSM	4	BM	IBR	316	Z12	S	SG

Stainless steel mat case pressure gauge

Diameter size 4inch

Bottom mounting

Bezel styles: Inside bayonet ring

Wetted parts SS316

Process Connection 1/2NPT

Liquid filled silicone oil

Windows safety glass

Special requirement: 0-100PSI, micro adjustable pointer